GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:2523
ANSWERED ON:08.08.2000
TARGETS FOR DEVELOPMENT OF S &T
RASA SINGH RAWAT

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) the targets fixed for the development of science and technology during the Ninth Five Year Plan period alongwith the allocation of funds head-wise; and

(b) the efforts being made by the Government to make the information in science and technology available in the Indian languages in addition to English?

Answer

MINISTER OF STATE FOR SCIENCE AND TECHNOLOGY(SHRI BACHI SINGH RAWAT)

(a) A statement is attached.

(b) A number of publications in science and technology are brought out in Indian languages by various scientific agencies and institutions under the Ministry of Science and Technology for dissemination to the public in print, video and other multi-media forms.

STATEMENT AS REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 2523 DUE FOR R ON 8.8.2000 REGARDING TARGETS FOR DEVELOPMENT OF S&T.

(a) Atomic Energy: the thrust during the Ninth Plan in R&D sector will be on design and development of fast breeder reactor; enhancement of thorium utilisation; engineering development of thorium-based advanced heavy water reactor and matching developments in the fuel cycle area; accelerator-based systems and fusion power, technology missions in radiation applications in health, agriculture and food, specially on food preservation, desalination and isotope hydrology; strategic technologies in the areas of special materials, lasers, particles accelerators, computers, robotics, cryogenics and special instrumentation; safety and environmental protection; and technology spin-off to industry.

Space: while the basic vision for the space programme will continue to be the same as was enunciated at its inception, it will be adapted to respond effectively to the dynamic and complex scenario of the coming years and unstinted efforts will be made towards developing and harnessing advanced space technologies to provide additional and newer services in a self-reliant manner for the socio-economic development of the country.

Science and Technology: the thrust of the DST during the Ninth Plan will be on building and sustaining a strong science and technology base in the country, developing centres of excellence in the frontline areas of science and technology and modernizing the infrastructure of its autonomous research institutions.

Scientific and Industrial Research: the efforts initiated by the DSIR in the areas of Technology Promotion Development and Utilisation (TPDU) under the three schemes viz. Research and Development by Industry (RDI), Programme Aimed at Technological Self-reliance (PATSER) and Scheme to Enhance the Efficacy of Transfer of Technology (SEETOT) will be continuedThe programmes proposed to be taken up include; creation of awareness of Intellectual Property Rights (IPR) through training and education and development of export promotion mechanism to make the companies aware of the processes involved in the acquisition of technologies from abroad and their export. In addition, R&D Management support and New Millenium Indian Technology leadership initiatives are also targeted.

Biotechnology: For providing the basic minimum requirement of the population, including food, economic, ecological and livelihood security, since biotechnology is likely to become a lead technology in future, one of the objectives of the Ninth Plan programme will be realise the full potential of biotechnology for the national development.

Ocean Development: The importance and uses of ocean are well known and the development towards ocean science and technology are directed towards exploring and exploiting the vast resources of the ocean on a sustained basis for the socio-economic benefit of the human society with integrated approach towards environment and development.

The efforts made in the Eighth Plan to integrate S&T component with the concerned socio-economic sectors will be pursued more vigorously during the Ninth Plan.

Head-wise allocation of funds:-

SL No.	S&T DEPARTMENTS/AGENCIES	9th Plan outlay (Rs. in crores)
1	Department of Science and Technology	1497.35
2	Department of Atomic Energy (R&D)	1500.00
3	Department of Ocean Development	510.62
4	Department of Space	6511.72
5	Department of Biotechnology	675.00
6	Deptt. of Scientific and Industrial Research (incl. CSIR)	1327.48
	Total (S&T)	12022.17